

SYSTEM AND METHOD FOR VISUALIZING AND NAVIGATING DYNAMIC CONTENT IN A GRAPHICAL USER INTERFACE

Abstract of the Disclosure

5 A system and method for visualizing and navigating dynamic documents
including data from an ongoing process and including instances of specified search
terms. A summary view including a condensed abstract representation of a dynamic
document provides a global overview of the distribution of search terms. The invention
updates the document and aggregates the instances of search terms when the
representation includes a nonlinear scale or uses multiple display regions having
10 different resolution levels. The invention supports rapid skimming of dynamic
documents and dynamic document collections, including enhancements triggered by
cursor brushing, while keeping the user in context. Navigation to a segment of the
dynamic document by selecting a corresponding portion of the summary view can
replace the use of conventional scrolling techniques.